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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/817,318

DATE: 04/20/2001

TIME: 11:41:26

Input Set : A:\Dex-1991.app

Output Set: N:\CRF3\04202001\I817318.raw

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3 <110> APPLICANT: Salceda, Susana
4      Hu, Ping
5      Recipon, Herve
6      Cafferkey, Robert
8 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS OF DIAGNOSING, MONITORING,
9      STAGING, IMAGING AND TREATING MAMMARY GLAND CANCER
11 <130> FILE REFERENCE: DEX-0199
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/817,318
C--> 14 <141> CURRENT FILING DATE: 2001-03-26
16 <150> PRIOR APPLICATION NUMBER: 60/192,277
17 <151> PRIOR FILING DATE: 2000-03-27
19 <160> NUMBER OF SEQ ID NOS: 35
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26 <213> ORGANISM: Homo sapiens
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31 caaatgtagt tcataatagc ataatagcaa cttcactaaa tcttagaata aaaaatgaat 180
32 aaaatgttaa ttttttgagg gaaatgggta attttttcta caaaattgtg tgacagcttt 240
33 acagacctta ctcttcacaa ttgacttgaa cattaacatc acaaagaggg tctgtttac 300
34 aaaagaatag tcaagaactt catgaatttt tgacagtga ctttttctaa ccctttaatc 360
35 caaatatatt taagtgtcca tegtcttctt ttatccaact catttgtaa ctagttttct 420
36 tctgtgagtt cctttgccta taattgaagc agttctctga aatcacccaa actgatttta 480
37 tgaaagccca tgcttttgga aagatttgca cttcggcttt gcaatctatt tacattgact 540
38 gtacttgcat tgtattgcta gatgttgact atcagttagg acaatcaaaa agatattaga 600
39 taatgggcag ggataaatca gaagtactg tcaataacaa agttatgttt tatgggtatt 660
40 ttataggtga taaattcatt actgagcaat ttcatatcat gttttaattc tctgtgtgt 720
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52 ttctaagtgc cctccaatac aatgtgctgc ggggaagccg ctggtagctt aagatcctcc 180
53 tggcagctgt cacctgtatg taatggtgac ctagcttaat cagccaacaa tgccatagga 240
54 gatggtgcag cagatacctg gaagggaatc ctaattcttt ctaatgtgca cagggattga 300
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67 caggacccaa cctcaatgaa accagcattg tgtctggtgg ctatgggggc tctggtgatg 180
68 gactcatccc cacaggatg aatgttcaga aacaggaatc ttgggtggag gaggggacag 240
69 gaatggtttg gggaagcata ggatatgtct aggaaagctt 280
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73 <211> LENGTH: 242
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75 <213> ORGANISM: Homo sapiens
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79 ctctcagctt caactgtgaa gagttcaatt aggtgatcac tttaactttt ctagctcgga 120
80 tactctgtgc cagctctgga accatgcttt ttggtgtctg tgtgtatata taggtcacct 180
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93 cgataagatc tgcagcttgt ggctctttct ttccctcag gtgttgaccc tgcgttgct 180
94 cctggctagt ctgtctctca cctcagatcc tactgatgtt accttcagg gatctagcaa 240
95 agattctctt ctgactctat cttgggttgt ctctctgcga catttgctat gatgctactc 300
96 actcagctgt tgcagctag ctccacagcc acctctcacc tattctctgg cctcatctaa 360
97 acatataaaa accaaaattg gttcagaaaa ctaaaatatc tggctccct ctacttgctc 420
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121 aagctattct gcaaaatctg tgtaaaaaaca acgcgtagta tcagaataga acagttaaaa 120
122 cagaagncnn agcagttact gaagacagac ggcanacagg cagctgcgcc acaggggtga 180
123 gcgtcccata gccatgtaca gcgtctaagg gaccgagt 218
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Input Set : A:\Dex-1991.app
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133 ggtaaagtgt tctgccacaa tatcatgagc tttaacaacgg ggtatgactt cattaggcca 120
134 taggagtttt cagcttcatt ataattctat agaaccacgg atggtatatg cagcctactg 180
135 ctgatacagt tggatatacag acacgtattc cttctccca cacggcctgt tactagccac 240
136 gagtgggtga ttggctgaga gtaatgcact gtaggcagtt gtggctactt ttacgagAAC 300
137 tgtcttgtca ggggagatgt atttaaacca gggacagatg ggccacagga gaaacataac 360
138 agctatggct gaaattcatg tgtattctac aattgccatg gccatttaat tcaataaata 420
139 tgtgagtttt ttatcatct gccaaagcatt gttcataatt aacaggacaa aaacccaaac 480
140 ttttgccctt ttggagccta cagtctagaa taaggagaga aacaaa 526
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145 <212> TYPE: DNA
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190 ggaaaaagag aaccgttgga gccaaactta ccaggnttca ttagatacac ccnnagcccg 120
 191 agttatgcct angcccagct taagcgtaca ctaaccatag ccgtgagacc ntagtagatn 180
 192 naccacgcct ttcaagaaca cactcantct attgtgagcg cccatcactc caatntcct 240
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 199 <213> ORGANISM: Homo sapiens
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 203 gcagactaaa ctcatctatg acaactagca acaacgatta ctgacactac acttagctaa 120
 204 gcttccattc acttcacgcg aatcttactg cccaacagca tcacacatta tcccctgaaa 180
 205 ctctccactc ttctcctcct gacctatgaa gcatacacaac actgacggca tcaaccaagc 240
 206 tgcgcctaac ttctccttca ggcgccttct gcctatctaa cagcacttct aacactgacc 300
 207 gcatgactac ctctgctaca acgatactcg taacaaacga acgcgcctg gaccattaac 360
 208 ttattcacag ttctcccaac tetgaccacc tcttccctac cctctctcac acgcggaacc 420
 209 cctctgatac acctaaatac cgctccacgc gggcgcgcg taaacccact cactggccac 480
 210 caatcaacaa accactccta aacacttacc agcacttctt ccacgtaca cagtgtcccc 540
 211 aaaagataac agcccaaact cctgcctac actgctcact actacacaca cccacccaa 600
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 213 ac 662
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 218 <212> TYPE: DNA
 219 <213> ORGANISM: Homo sapiens
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 228 cactgtccct cctgatacat ctccaatatt acctctctc caacctccct gggagagtta 180
 229 attacctcct ccttngggct cctataacaa cttttacatc tcttgcaaga ggttacttga 240
 230 attacttggt tacatacatg tctatctccc aaacaagtct aaaaatggta ggcttctaaa 300
 231 taattatacg ttgataaat atgaatgaat gaccttttct atggaaagct aggcgctaaa 360
 232 ggtgatagag agataacatg cacatacgag ctctcaaggg aaatagacag acacatagat 420
 233 aatgtataag tagaataata attctttgaa ttgaaatccc cagggaacaa ttttactca 480
 234 accgaaaatc taactgcaat ctaaagattt tcacatacaa ccaactggca ttgacttaca 540
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 246 ctgtatgcga cttcacagca caccacgctc cgtgtgagct attaaaggcc caccacgcat 120
 247 cctcgtcttt cagtgcact ttctgaaga aataatacaa tctggaatgg gctacagaat 180
 248 ctatccccta ggggtgagtga caggaggggg atgggtgaaa caaagtcaca tggctgtaag 240

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249 cagctatcta ctgaagcagg atgggtacct ttctctactt ttatgcttga aattttctcac 300
 250 aaataaagat gagaaaatac aaaaaaaaaa cacaacacaa aaacgccggg 360
 251 ggaacaccgg gccctacggg tgccccgtgt gaacatggga tacgggccca acaaccggag 420
 252 aaaaatagca cacacagaga gagaaagaga ccgacgcaga accgacgacg acgcagagac 480
 253 agacag 486
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 257 <211> LENGTH: 322
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 259 <213> ORGANISM: Homo sapiens
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 263 tgtgggcagg aatgggttaa cactactggt atttcagtaa tgtgataatt ggagttttta 120
 264 gggatatgtg gtgtgttttg ggaaagtaga gtggagcagg agaaagggtg ttagacacac 180
 265 tgtgttagag aaattgaatc tcagatgggt agtggtttat ttccccacct tactcttgct 240
 266 tctttaagtt actactccca caggagattg gctatagact gacatgagtg agtaaaagta 300
 267 ctcatagggt gaattctaagc tt 322
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 271 <211> LENGTH: 519
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 277 <222> LOCATION: (146)
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 286 ctgctcaccg tggcggtggg gcgcacttag aagggtctct tgacactccc ttcggcctac 180
 287 cgctcgaccg cgattctcga ctgtgcacat cttattctgc gccctgcagc gcgagctaca 240
 288 cgcacagggt cgggtatttc catttagctc acggacagga cgcttgctgt cttgaaggct 300
 289 tacgcactac agcttactca anggcaacac gcataaccta accaatgaga ctcccgcaag 360
 290 ctttatgccc aaaaaccctc gcgactgcgt atggccatc catggccagc gacgctctag 420
 291 gcgataactc cactactcgc actgctagca cttccgtgac taatccccctg gcggcggttg 480
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 303 agacccaaac tgagggatcg tgagaataga tctggcctat aatcagaagt gtcgaggtca 180
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 305 acaagctt 248
 308 <210> SEQ ID NO: 15
 309 <211> LENGTH: 473
 310 <212> TYPE: DNA

VERIFICATION SUMMARY

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:122 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:190 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
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L:191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:192 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
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L:193 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:229 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:10
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:286 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:13
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:289 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:13
L:289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13